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would have taken a little more Time to heal, if our Patient had been older.

Having, as you will easily perceive, omitted those things that were common or of less Moment, I have set down what seemed most remarkable in the Course of this Operation. Upon which Subject I should not have had so much to say if this elegant Method of rescuing one from imminent Danger, and the most difficult kind of Death, had not been ordinarily described more from Theory and Fancy than from Nature and Practice : And if Surgeons had been accustomed to be half as bold to assist Nature in such an Extremity as both they and many Physicians are sometimes officious to disturb her regular and salutary Steps.

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VI. Observationes Cœlestes multifariæ, *Annis* 1728 & 1729. *Pekini in Sinis habitæ, & ad Rev. P. Johannem Baptistam Carbone, Soc. Jes. transmissæ; ex ejusdem Cl. Viri Epistola ad Jacobum de Castro Sarmento, M. D. Col. Med. Lond. Lic. & R. S. S.*

*Congressus Lunæ cum aliquot stellis observati Pekini à Nov. 1728, usque ad Nov. anni 1729.*

**N**OV. die 20. 5<sup>h</sup> 0' 42'' mane Luna obtexit stellam *Leonis* locus immersionis erat proxime contra Roccam.

6<sup>h</sup> 21' 55'' prodiens Stella stabat in recta cum Reinoldo & Grimaldo; adeoque locus emersionis prope Berosum, & transitus ferme centralis.

*Dec.*

*Dec.* die 6. vesperi Conjunctio *Saturni* cum *Luna*, sed *Luna* non nisi post  $7^h\frac{1}{4}$  è nubibus promicante, Cap-  
tæ sunt tantum sequentes distantia Saturni à propiore  
limbo *Lunæ* cujus diameter  $30' 45''$ .

Hora 7	18	} dist.	$\left\{ \begin{array}{ll} 17' & 55'' \\ 20 & 30 \\ 23 & 0 \\ 25 & 10 \end{array} \right\}$	$\left\{ \begin{array}{l} \text{h in recta} \\ \text{ex cuspide} \\ \text{bor. } \epsilon \text{ per} \end{array} \right\}$	$\left\{ \begin{array}{l} \text{Fracastorem.} \\ \text{Isidorum.} \\ \text{Santbecium.} \\ \text{Petavium.} \end{array} \right\}$
	25				
	33				
	40				

1729. *Mart.* die 8.  $11^h 18'$  P. M. *Luna* obtexit stel-  
lam boreo-orientalem trapezii, quod est infra pedes au-  
rigæ.  $12^h 12'$  emerfit stella è regione Messallæ. Die  
 $11. 7^h 56' 30''$  vesp. *Luna* obtexit stellam n *Cancr*i  
Locus immersionis erat contra Schikardum. Emersio,  
quæ fuit contra Petavium, paulo tardius notata est  
 $9^h 2' 30''$  accideret autem proxime  $8^h 59'$ .

*April.* die 2. vesp. Conjunctio *Lunæ* cum *Pleiadi-*  
*bus.*

$8^h 23' 2''$  *Luna* obtexit stellulam borealiorem trian-  
guli quasi æquilateri, quod præcedit Pleiadas: Locus  
immersionis contra Phocyllidem.  $9^h 2' 23''$  absorbit  
stellam claram, quæ est supra Pleiadas ferme in recta  
linea cum *Taygeta* & *Electra*: Locus immersionis vi-  
debatur esse contra Cardanum.  $9^h 9' 25''$  *Luna* obtexit  
*Taygetam*, cujus immersio erat contra Cabæum prope  
cuspide *Lunæ* australem.  $9^h 18' 58''$  immerfa est præ-  
cedens *Asteropes*, contra Bartolum.  $9^h 25' 27''$  immerfa  
est sequens prope Casatum. Emersiones non poterant  
videri ob nimiam undulationem lucidi limbi *Lunæ* at-  
mosphæram subeuntis.

Die 11.  $8^h 12'$  P. M. *Luna* obtexit stellam v *Leonis*  
directe contra Schikardum, stante Messalla in vertice  
*Lunæ*. Emerfit Stella  $9^h 11' 30''$  paulo infra Langre-  
num, verticem *Lunæ* obtinente Mercurio.

Nov. die 7. manè transitus Lunæ per *Pleiadas*, cum borealium occultatione, ut sequitur.

H	'	"	
4	51	10	Immerfit <i>Celæno</i> contra Zucchium.
4	53	6	Immerfit <i>Taygeta</i> contra Crugerum.
5	17	30	Immerfit <i>clara</i> Asteropes supra Ricciol.
5	18	20	Immerfit <i>Maja</i> contra marg. occ. Schikardi.
dub. 5	21		Immerfit <i>sequens</i> Asteropen contra Roccam.
5	37	10	Emersit <i>Celæno</i> recta contra Petavium.
6	2	20	Emersit <i>Taygeta</i> inter Langrenum, & mare Crisium.
6	15	30	Emersit <i>Maja</i> ad bor. Wendelini.
Emerfit <i>Asteropes</i> ob diluculum nequit videri.			
Eodem die vesp. 7 <sup>h</sup> 30' 34" ab Luna occultata fuit			
♌	<i>Tauri</i> paulo infra Galilæum, quæ rursus emerfit		
8 <sup>h</sup> 33'	15"	paulo supra Langrenum.	

*Immerfiones & Emerfiones Satellitum Jovis in, & hujus ex umbra ibidem observatæ.*

*Immerfiones* SATELL. I.

1728. D.	H.	'	"	
Nov.	5	1	42	45 manè.
	12	3	36	15 manè.
	13	10	4	10 vesp.
	19	5	28	20 manè.
	20	11	55	56 vesp.
	28	1	47	50 manè.
	29	8	16	35 vesp.
Dec.	6	10	8	0 vesp.
	12	5	30	45 manè.
	15	6	27	0 vesp.
	22	8	17	0 vesp. Emer.

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*Emerfiones* SATELL. I.

		D.	H.	'	"	
1728.	<i>Dec.</i>	31	6	50	15	vefp.
1729.	<i>Jan.</i>	7	8	40	40	vefp.
		16	5	0	0	vefp.
		22	0	24	10	manè.
		23	6	52	20	vefp.
		30	8	46	15	vefp.
	<i>Feb.</i>	15	7	5	0	vefp.
	<i>Mart.</i>	10	7	21	40	vefp.
		17	9	19	50	vefp.
		24	11	16	15	vefp.

*Immerfiones* SATELL. I.

<i>Nov.</i>	1	2	58	45	manè.
	15	6	45	0	manè.
	17	1	13	15	manè.

*Immerfiones* SATELL. II.

<i>Nov.</i>	6	6	8	45	manè.
<i>Dec.</i>	1	3	3	20	manè.
	8	5	35	55	manè.
	18	9	25	0	vefp.

*Emerfiones* SATELL. II.

<i>Jan.</i>	2	5	21	30	manè.
	5	6	37	0	vefp.
	19	11	44	15	vefp.
	27	2	20	0	manè.

*Feb.*

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	D.	H.			
<i>Feb.</i>	6	6	14	18	vesp.
	13	8	49	0	vesp.
	20	11	28	45	vesp.
<i>Mart.</i>	10	6	9	0	vesp.
	17	8	49	40	vesp.
	24	11	30	10	vesp.
<i>Maii</i>	20	8	49	30	vesp.

*Immerfiones* SATELL. II.

*Nov.* 17 11 52 25 vesp.

*Immerfiones* SATELL. III.

1728. D. H.

<i>Nov.</i>	6	10	4	10	vesp. disparuit plene immer- fus in umbram.
	7	0	47	15	manè cœpit rurfum emer- gere.
	21	6	1	5	manè plenè immerfus fuit.
	24	5	24	20	vesp. plenè disparuit in um- bra.
1729. <i>Jan.</i>	24	82	1	40	vesp. denuò cœpit promicare.
	31	9	25	36	vesp. integrè immerfus fuit.
<i>Feb.</i>	1	0	21	0	manè rurfum prodire cœpit.
<i>Mart.</i>	15	9	33	0	vesp. plene immerfus in um- bram.

1729. *Immerfiones* SATELL. IV.

<i>Jan.</i>	16	6	30	0	vesp. circiter, ingreffus eft umbram.
	16	9	24	0	vesp. cœpit rurfum fenfim e- micare.
<i>Mart.</i>	24	6	46	20	vesp. plenè disparuit in um- bra.
	24	10	10	20	vesp. denuò promicare cœpit.

Q q q

*Observatio*

*Observatio eclipsis L<sup>ae</sup> totalis habita in publico  
Observatorio Pekinensi A. C. 1729. die 14 Fe-  
bruarii horis matutinis.*

Tota illa nocte continenter modicè nungebat, coelo tamen sic tenuiter nubilato, ut Lunares maculae sæpius utcunque distingui possent; quanquam rarius ac difficiliter tempore immersionis: Sub emersionem enim paulatim coelum ferenatum fuit, ut circa finem jam penitus innube existeret.

Horologium correctum fuit per altitudines Arcturi & aquilæ, item ex culminante Spica *Virginis* ac Lance borea *Librae*. Diameter Lunæ initio eclipsis micrometro dimensa, erat 32' 0". Erantque in linea verticali cum centro Lunæ Pythagoras & Helicon.

H.	'	"	
2	38	30	Initium eclipsis contra Hevelium.
41	0		{ Grimaldum.
42	30		{ Qui totus immerfit.
43	0		{ Galilæum.
47	0		{ Aristarchum.
48	30	Umb. ad	{ Keplerum.
50	0		{ Gassendum.
58	0		{ Copernicum.
3	3	30	{ Sinum æstuum orientaliorem.
	9	0	{ Tychonem.
17	30		{ Menelaum.
24	30		Possidonius totus in Umbra.
26	0		{ Fracastorem.
31	0	Umb. ad	{ Proclum.
32	0		{ Mare Crisium.
			Umb.

H.	'	"	
3	35	30	Umb. ad Langrenum.
	39	0	Immersio totalis inter Langrenum, & mare Crisium.
5	17	10	Emerfio prima lucis infra Grimaldum.
	21	0	Grimaldus prodire incipit.
	22	25	Totus emerfit.
	28	0	Emerfit Gassendus.
	30	35	Kepplerus.
	36	40	Umbra per centrum Tychonis.
	37	20	Totus prodiit.
	40	35	Prodiit Copernicus.
	46	28	Plato incipit emergere.
	48	30	Totus detegitur.
	50	0	Sinus æstuum.
	53	50	Architas.
	55	20	Manilius.
	57	15	Emerfère } Aristoteles.
	58	45	Menelaus.
	59	10	Ariadæus.
6	0	50	U Fracastor.
	2	30	Restat in umbra 4 diametri Lunæ.
	2	50	Plinius.
	5	45	Possidon. Vitruv. & Censorinus.
10	0		Prodeunt } Taruntius.
10	30		Proclus.
13	10		Langrenus totus detectus.
13	30		Mare Crisium incipit emergere.
16	30		Totum prodiit.
6	17	40	Finis eclipsis contra mare Crisium, existente tum in linea verticali per centrum Lunæ Oenopide ac Heraclide.